

Spies Hecker® VOC Compliance Chart

Maricopa County, Arizona
Regulation III, Rule 345 - Vehicle and Mobile Equipment Coating
Effective: 9/25/2013



Description		Compliant Rules				Applied VOC lb/gal	Remarks
Surface Preparation VOC Limit = 1.4 lb/gal (167 g/L)							
107™ Acids Low VOC Gun & Equipment Cleaner						0.2	
210™ Acids Silicone Remover Water						1.4	
220™ Acids Silicone Remover Low VOC						0.2	
265™ Acids Plastic Cleaners Paste						0.1	
Description	Mix Ratio	Hardener	Reducer/ Additive	Addl Product	Max Applied VOC (Lb) lb/gal	Remarks	
Primer/Primer Surface VOC Limit = 6.5 lb/gal (780 g/L)							
Primer® Primer 3205	+50%	N/A	8580, 3363, 3365	N/A	6.5		
Primer® Primer 3205 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A		
Primer® Vario Primer 4075	1:1	4078	N/A	N/A	6.5		
Primer® 1K Primer Surface 4385 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A		
Primer® 1K Primer Surface 4385	+50%	N/A	8580, 3363, 3365	N/A	6.5		
Aux® 489™	Ready to Use	N/A	N/A	N/A	6.5		
420™ Acids Etch Primer	1:1	421	N/A	N/A	6.5		
110A™ Acids 1K Primer Surface Light Gray	Ready to Use	N/A	N/A	N/A	N/A		
100A™ Acids 1K Primer Surface Dark Gray	Ready to Use	N/A	N/A	N/A	N/A		
495™ Acids Metal Photocatalyst Wipes	Ready to Use	N/A	N/A	N/A	6.5		
Primer/Primer Surface VOC Limit = 4.8 lb/gal (580 g/L)							
Primer® 1K Productive Primer Surface 4100	+5-10%	N/A	6000	N/A	4.8		
Primer® 1K EP Primer Surface 4500	3:1 25-30%	4501	3363, 3365	N/A	4.8		
Primer® 1K EP Primer Surface 4502	3:1 1-5-10%	4503	3364	N/A	4.8		
Ready to Use 600A™ Acids Epoxy 2K	Ready to Use	Included	N/A	N/A	4.8		
Primer® 1K VHS Surface 5199	2:1 5 + 5-10%	3220, 3230, 3240, 3245	8580, 3363, 3365, 5408	N/A	4.8		
Primer® 2.1 Surface 5197	4:1 1 + 5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365, 5408, 5409, 5410	N/A	4.8		
Primer® 2.1 Surface 5197 Elastified	4:1 1+10-20%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365, 5408, 5409, 5410	+30% 9050	4.8	9050 must be added before hardener.	
Primer® 1K HS Premium Surface 5310	4:1 1-5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	4.8		
Primer® 1K HS Premium Surface 5310	4:1 1+5-20%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	4.8		
Primer® 1K Spectro Surface 5450	4:1 1-5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	4.8		
Primer® 1K Spectro Surface 5450 Elastified	4:1 1-5-15%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	+30% 9050	4.8	9050 must be added before hardener.	
Primer® 1K Spectro Surface 5450	4:1 1-5-20%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	+30% 9050	4.8	9050 must be added before hardener.	
Primer® 1K Spectro Surface 5450 Elastified	4:1 1+20%	3220, 3230, 3240, 3245	8580, 3363, 3365	+30% 9050	4.8	9050 must be added before hardener.	
Primer® 1K Spectro Sealer 5450	3:1 1-5-20%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	4.8		
Primer® 1K Spectro Sealer 5450 Elastified	3:1 1-5-20%	3220, 3230, 3240, 3245	8580, 3363, 3365	+30% 9050	4.8	9050 must be added before hardener.	
Primer® 1K Vario Surface 6000	4:1 1-5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	4.8		
Primer® 1K Vario Surface 6000 Elastified	4:1 1-5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	+30% 9050	4.8	9050 must be added before hardener.	
Primer® 1K Vario Surface 6000 Elastified	4:1 1-5-20%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	4.8		
Primer® 1K Vario Surface 6000 Elastified	4:1 1+10-20%	3220, 3230, 3240, 3245	8580, 3363, 3365	+30% 9050	4.8	9050 must be added before hardener.	
Primer® 1K UV Starlight Primer Surface 9002 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	Aerosol	
Primer® 1K UV Starlight Primer Surface 9002	Ready to Use	N/A	N/A	N/A	4.8	Non-Aerosol version	
Primer-Reducers VOC Limit = 4.6 lb/gal (550 g/L)							
Primer® 1K Spectro Surface 5450	2:1 1-5-20-30%	3307, 3309, 3310, 3315, 3320, 3325	5407	N/A	4.6		
Primer® 1K Spectro Surface 5450 wPermacron Reducer	2:1 1-5-20-25%	3307, 3309, 3310, 3315, 3320, 3325	5407	+5-5% 8580, 3363, 3365	4.6		
Primer® 1K Spectro Surface 5450 Elastified	2:1 1-5-20-30%	3307, 3309, 3310, 3315, 3320, 3325	5407	+5-5% 8580, 3363, 3365	4.6	9050 must be added before hardener.	
Primer® 1K Spectro Surface 5450 Elastified wPermacron Reducer	2:1	3307, 3309, 3310, 3315, 3320, 3325	+10-20% 5407	+30% 9050	4.6		
Primer® 1K Spectro Surface 5450	3:1 1-5-20-30%	3220, 3230, 3240, 3245	5407	N/A	4.6		
Primer® 1K Spectro Surface 5450 wPermacron Reducer	3:1 1-5-20-40%	3220, 3230, 3240, 3245	5407	+5-5% 8580, 3363, 3365	4.6		
Primer® 1K Spectro Surface 5450 Elastified	3:1 1-5-20-50%	3220, 3230, 3240, 3245	5407	+30% 9050	4.6	9050 must be added before hardener.	
Primer® 1K Spectro Surface 5450 Elastified wPermacron Reducer	3:1	3220, 3230, 3240, 3245	+10-40% 5407	+30% 9050	4.6		
Primer® 1K Spectro Sealer 5450	3:1 1-5-20-25%	3307, 3309, 3310, 3315, 3320, 3325	5409, 5410	N/A	4.6		
Primer® 1K Spectro Sealer 5450 Elastified	3:1 1-5-20-25%	3307, 3309, 3310, 3315, 3320, 3325	5409, 5410	15-30% 9050	4.6	9050 must be added before hardener.	
Primer® 1K Spectro Sealer 5450	3:1 1-5-20-30%	3220, 3230, 3240, 3245	5409, 5410	N/A	4.6		
Primer® 1K Spectro Sealer 5450 Elastified	3:1 1-5-20-30%	3220, 3230, 3240, 3245	5409, 5410	15-30% 9050	4.6	9050 must be added before hardener.	
Primer® 1K Vario Surface 6000	1:5%	3064	N/A	N/A	4.6		
Primer® 1K Vario Surface 6000 Elastified	3:1 1-5-20%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	30% 9050	4.6	9050 must be added before hardener.	
Primer® 1K Vario Surface 6000 Elastified	3:1 1-5-20%	3220, 3230, 3240, 3245	8580, 3363, 3365	30% 9050	4.6	9050 must be added before hardener.	
Single Stage Topcoats VOC Limit = 6.0 lb/gal (600 g/L)							
Permacron® Acrylic Urethane Series 257	3:1 1-5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	5.0		
Permacron® Automotive Topcoat Series 257 PP-1004 Rals-Mat Black	4:1 1-5%	3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	5.0		
Permacron® Automotive Topcoat 257 Series PP-1002 Blue Black	4:1 1-25%	3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 8580	5.0		
Permacron® Automotive Top Coat PP 1005 Warm Gray VHS4N	3:1	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	+5-5% 8580, 8586	5.0		
Permacron® Automotive Top Coat PP 1005 Warm Gray VHS4N	4:1 1+10%	3220, 3230, 3240, 3245	8580, 3363, 3365, 3394, 5409, 5410	+5-5% 8580, 8586	5.0		
2-stage Topcoat VOC Limit = 5.0 lb/gal (500 g/L) applied as a system							
2-stage Topcoat VOC Limit = 5.2 lb/gal (520 g/L) applied as a system							
Basecoats Must be used with specific Clearcoats for compliance							
Permahyd® Hi-TEC Base Coat	+15-30%	N/A	6050, 6051, 6052, 6053	N/A	5.0		
Permahyd® Hi-TEC Base Coat w/Hardeners	+5-10% +10-30%	3080	6050, 6051, 6052, 6053	N/A	5.0		
Permahyd® Base Coat Series 280/285	+5-10%	N/A	6000	N/A	5.0		
Permahyd® Base Coat Series 280/285	+5-10%	N/A	6002	N/A	5.0		
Permahyd® Base Coat Series 280/285	+5-10%	8007	+10-20% 6000 or 6-10% 6002	N/A	5.0		
Permacron® Base Coat Series 283/295	+40-50%	N/A	3054, 3055, 3056	N/A	5.0		
Permacron® PP2003	+15% +40-50%	3307, 3309, 3310, 3315, 3320, 3325	3054, 3055, 3056	N/A	5.0		
Permacron® PP2003	+10% +40%	3220, 3230, 3240, 3245	3054, 3055, 3056	N/A	5.0		
Permacron® Base Coat Series 283/295 - GMW 15409	+15% +40-50%	3307, 3309, 3310, 3315, 3320, 3325	3054, 3055, 3056	N/A	5.0		
Permacron® Base Coat Series 283/295 - GMW 15409	+10% +40%	N/A	3054, 3055, 3056	N/A	5.0		
Permacron® Base Coat Series 283/295 - High Temp/Lumidarity	+30% +15%	N/A	3056	N/A	5.0		
Permacron® 2K Diamond Midcoat MC 0001	See 996.0 TDS for Mixing Recommendations	3307, 3309, 3310, 3315, 3320, 3325 or 3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	5.0		
Permacron® 2K Transparent Red Midcoat MC 0002	See 996.0 TDS for Mixing Recommendations	3307, 3309, 3310, 3315, 3320, 3325 or 3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	5.0		
Permacron® 2K Transparent Blue Midcoat MC 0003	See 996.0 TDS for Mixing Recommendations	3307, 3309, 3310, 3315, 3320, 3325 or 3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	5.0		
Permacron® Transparent Midcoat 9100	1:1 1-5%	3240, 3245	3363, 3365	9045, 9048, 9056, 9057, 9058	5.0		
Clearcoats Must be used as a system with basecoats at under 5.0 lb/gal (500 g/L) 2-stage or 5.2 lb/gal (520 g/L) 3-stage for compliance							
Spies Hecker® HS Speed Clear Coat 8500	2:1	3251, 3254, 3255, 3252, 3257	N/A	N/A	5.2	Compliant when used with both 2 & 3-stage coating systems.	
Permacron® HS Clear Coat 8035	2:1 1-5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365, 9025	N/A	5.0	Compliant when used in a 2-stage coating system.	
Permacron® HS Clear Coat 8035 Elastified	2:1 1-5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365, 9025	+15-30% 9050	5.0	Compliant when used in a 2-stage coating system. 9050 must be added before hardener.	
Permacron® HS Clear Coat 8035	3:1 1+15-20%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	N/A	5.0	Compliant when used with both 2 & 3-stage coating systems.	
Permacron® HS Clear Coat 8035 Elastified	3:1 1+15-20%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	+15-30% 9050	5.0	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.	
Permacron® MS Express Clear Coat 8046	2:1 1-5-5%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365, 9025	N/A	5.0	Compliant when used in a 2-stage coating system.	
Permacron® MS Express Clear Coat 8046 Elastified	2:1 1-5-5%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365, 9025	+15-30% 9050	5.0	Compliant when used in a 2-stage coating system. 9050 must be added before hardener.	
Permacron® MS Express Clear Coat 8046	3:1 1-10%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	N/A	5.0	Compliant when used in a 2-stage coating system.	
Permacron® MS Express Clear Coat 8046 Elastified	3:1 1-10%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	+15-30% 9050	5.0	Compliant when used in a 2-stage coating system. 9050 must be added before hardener.	
Permacron® Low VOC Clear Coat 8096	2:2 +4%	3307, 3309, 3310, 3315, 3320	3363, 3365, 8580	N/A	5.0	Compliant when used with both 2 & 3-stage coating systems.	
Permacron® Low VOC Clear Coat 8096	3:1 1-5-10%	3307, 3309, 3310, 3315, 3320, 3325	3363, 3365, 8580	N/A	5.0	Compliant when used with both 2 & 3-stage coating systems.	
Permacron® Low VOC Clear Coat 8096 Elastified	2:2 + 5-15%	3307, 3309, 3310, 3315, 3320, 3325	3363, 3365, 8580	+15-30% 9050	5.0	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.	
Permacron® Low VOC Clear Coat 8096 Elastified	2:5.1 +20-25%	3220, 3230, 3240, 3245	3363, 3365, 8580	+15-30% 9050	5.0	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.	
Permacron® MS Clear Coat 8180	2:1	3307, 3309, 3310, 3315, 3320, 3325	N/A	N/A	5.0	Compliant when used in a 2-stage coating system.	
Permacron® MS Clear Coat 8180 Elastified	2:1	3307, 3309, 3310, 3315, 3320, 3325	N/A	+15-30% 9050	5.0	Compliant when used in a 2-stage coating system. 9050 must be added before hardener.	
Permacron® MS Clear Coat 8180	3:1 1-5-10%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	N/A	5.0	Compliant when used in a 2-stage coating system.	
Permacron® MS Clear Coat 8180 Elastified	3:1 1+15-20%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	+15-30% 9050	5.0	Compliant when used in a 2-stage coating system. 9050 must be added before hardener.	
Permacron® HS Diamond Clear Coat 8450 - ASAP	3:1 1-5-5%	3240	8580, 3363, 3365	N/A	5.2	Compliant when used with both 2 & 3-stage coating systems.	
Permacron® HS Diamond Clear Coat 8450 - ASAP	2:1 1-5-5%	3240	8580, 3363, 3365	+10% 9050	5.2	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.	
Permacron® HS Optimum Clear Coat 8600	3:1	3251, 3254, 3255, 3252, 3257	N/A	N/A	5.2	Only compliant if used in a 2-stage coating system with 293/295 basecoat or with a 2 or 3-stage coating system and Permahyd® Hi-TEC Basecoat.	
Permacron® HS Optimum Clear Coat 8600 Elastified	3:1 1-5-5%	3251, 3254, 3255, 3252, 3257	8580, 3363, 3365, 9025	+15-30% 9050	5.2	Compliant when used with both 2 & 3-stage coating systems.	
Permacron® HS Optimum Clear Coat 8600	3:1 1-5-5%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	N/A	5.2	Only compliant if used in a 2-stage coating system with 293/295 basecoat or with a 2 or 3-stage coating system and Permahyd® Hi-TEC Basecoat.	
Permacron® HS Optimum Clear Coat 8600 Elastified	3:1 1-5-5%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	+15-30% 9050	5.2	Compliant when used with both 2 & 3-stage coating systems.	
Permacron® Matte Clear Coat Additive 8902 with 8035	1:1 1-5%		See TDS 8902 for Mixing Recommendations		5.0	Refer to TDS for mixing instructions over both metal and plastic.	
Specialty Coatings VOC Limit = 7.0 lb/gal (840 g/L)							
Adhesion Promoters							
Permacron® Transparent Surface 8550	3:1 1-20-30%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	7.0		
Permacron® Transparent Surface 8550	4:1 1-5-30%	3220, 3230, 3240, 3245	8580, 3363, 3365	N/A	7.0	</	